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NATIONAL ADVISORY COMMITTEE
FOR AERONAUTICS

1724 F Street, Northwest
Washington 25, D. C.

M.L. 268 (Monthly list of documents released by the NACA during July 1949)

Libraries in most of the important cities throughout the country, as well as libraries of schools, manufacturers, and other organizations dealing with aeronautics, are supplied copies of these publications for reference.

TECHNICAL NOTES

- TN 1455 An Investigation of Aircraft Heaters. XXXI - Summary of Laboratory Testing of Several Exhaust-Gas and Air Heat Exchangers.
By: L. M. K. Boelter, A. G. Guibert, F. E. Romie, V. D. Sanders, and J. M. Rademacher.
- TN 1883 Thermodynamic Charts for Internal-Combustion-Engine Fluids.
By: W. J. McCann.
- TN 1903 Experimental Investigation of Moving Pressure Disturbances and Shock Waves and Correlation with One-Dimensional Unsteady-Flow Theory.
By: Paul W. Huber, Cliff E. Fitton, Jr., and F. Delpino.
- TN 1905 Experimental and Theoretical Studies of Area Suction for the Control of the Laminar Boundary Layer on a Porous Bronze NACA 64A010 Airfoil.
By: Dale L. Burrows, Albert L. Braslow, and Neal Tetervin.
- TN 1908 General Algebraic Method Applied to Control Analysis of Complex Engine Types.
By: Aaron S. Boksenbom and Richard Hood.
- TN 1909 Effect of Transverse Shear and Rotary Inertia on the Natural Frequency of a Uniform Beam.
By: Edwin T. Kruszewski.
- TN 1911 Physical Properties at Elevated Temperature of Seven Hot-Pressed Ceramics.
By: James J. Gangler, Chester F. Robards, and James E. McNutt.



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TECHNICAL NOTES

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- TN 1912 An Investigation of Aircraft Heaters. XXXII - Measurement of Thermal Conductivity of Air and of Exhaust Gases between 50° and 900° F.
By: L. M. K. Boelter and W. H. Sharp.
- TN 1914 Oxidation of Titanium Carbide Base Ceramals Containing Molybdenum, Tungsten, and Cobalt.
By: M. J. Whitman and A. J. Repko.
- TN 1915 Elevated-Temperature Properties of Several Titanium Carbide Base Ceramals.
By: George C. Deutsch, Andrew J. Repko, and William G. Lidman.
- TN 1917 An Analysis of the Relation between Horizontal Temperature Variations and Maximum Effective Gust Velocities in Thunderstorms.
By: H. Press and J. K. Thompson.
- TN 1918 Correlation of Physical Properties of Ceramic Materials with Resistance to Fracture by Thermal Shock.
By: W. G. Lidman and A. R. Bobrowsky.

REPORTS

- Rept. 871 Determination of Elastic Stresses in Gas-Turbine Disks.
By: S. S. Manson.
Formerly issued as TN 1279.
- Rept. 873 High-Altitude Flight Cooling Investigation of a Radial Air-Cooled Engine.
By: Eugene J. Manganiello, Michael F. Valerino, and E. Barton Bell.
Formerly issued as TN 1089
- Rept. 880 Analysis of Jet-Propulsion-Engine Combustion-Chamber Pressure Losses.
By: I. Irving Pinkel and Harold Shames.
Formerly issued as TN 1180

TECHNICAL MEMORANDUMS

- TM 1235 Investigation of Conditions of Titanium Carbonization - IV.
By: G. A. Meerson and Y. M. Lipkes.